BRUHAT BENGALORU MAHANAGARA PALIKE

Name of Work : Community Property maintenance including Parks in Ward No -11 Kuvempunagara.

MODIFIED ESTIMATE

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty	Rate	Amount
	WALKING PATH PORTION								
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.265/I.37.51 PW, P & IWTD, BENGALURU CIRCLE -SR2018-19)								
	For Walking Path Portion	Cum	2	300.00	0.30	0.25	45.00		
							45.00	277.00	**12465.00**
	Quoted Rate	277.00							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.13/I.4.3 PW, P &IWTD,BENGALURU CIRCLE - SR 2018-19)								
	Gym plotform	No	1	15.00	8.80	0.15	19.80		
							19.80	5677.00	**112405.00**
	Quoted Rate	5677.00							
3	KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No. KBS(P.26/I.5.17PW,P&IWTD,BENGALURU CIRCLE -SR 2018-19)								
	Item Not Executed								
4	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.(P.140 /14.62PW, PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)								
	Gym plotform		1	15.00	8.80		132.00		
							132.00	1371.00	**180972.00**
	Quoted Rate	1371.00							
5	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, inculing cost of all materials, labour, hire charges of machinary, loading, unloading. lead and lift, transportion etc.,complete. (P.27/I.5.30 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)								
	For Walking Path Portion	No	695	695.00			695.00		
	Quoted Rate	454.00				Say	**695**	454.00	**315530.00**
6	KSRB 15-19.1: Providing and applying ready mix priming coat over concrete/masonry/ asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (P.124/I.15.80 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)								
		Sqm	695	0.45		0.35	**109.46**	41.00	**4488.00**
	Quoted Rate	41.00							
7	KSRB 15-19.2: Providing and applying spray painting in two coats (excluding priming coat) over concrete/ masonry /asbestos cement sheet/plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.(P.124/I.15.81 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)								
	Qty Vide Item No. 6	Sqm					**109.46**	94.00	**10289.00**
	Quoted Rate	94.00							
8	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 20 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.140 PW, PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)								
	Qty Vide Item No.1	Cum					**45.00**	38.00	**1710.00**
	Quoted Rate	38.00							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty	Rate	Amount
9	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. (P.42/I. 7.37 (P.45 / I.7.37 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)								
	Item Not Executed								
	For Electrical Works								
10	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)								
	For Solar Street Light Poles	Cum	8	0.60	0.60	0.60	**1.73**	499.00	**863.00**
	Quoted Rate	499.00							
11	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)								
	For Solar Street Light Poles	Cum	8	0.60	0.60	0.15	**0.43**	5677.00	**2441.00**
	Quoted Rate	5677.00							
12	Supply and erection of 14 Feet Height Street Light Pole on suitable cement concrete foundation with 2.5 Feet height cast iron decorative round pedestal as per design weighing not less than 37Kgs, the pedestal shall be fitted with Class 'C' G.I.Pipe 7 Feet height 75mm outer dia and 4 feet height top piece outer dia of 65mm fixed by measure of threading/ welding / coupling complete. (excluding foundation). (P.35/I.5.15 PWD ELE - SR 2014-15)								
	For Solar Street Light Poles	Each	8				**8**	16798.00	**134384.00**
	Quoted Rate	16798.00							
13	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW,P &IWTD,BENGALURU CIRCLE - SR 2018-19)								
	For Solar Street Light Poles	Cum	8	0.60	0.60	1.20	**3.46**	6034.00	**20878.00**
	Quoted Rate	6034.00							
14	Supplying and fixing of solar lux level street light control switch three phase including suitable capacity contactor (P.51/I.6.48.3 PWD ELE- SR 2014-15)								
	12 KW	Each	8				**8**	16514.00	**132112.00**
	Quoted Rate	16514.00							
15	Extra for Fabrication supply and fixing of Stand fabricated using slotted angle/L angle of size 6mm x 50mm for mounting out door/indoor A.C. unit./ Batteries. (P.80/I.9.20 PWD ELE - SR 2014-15)								
		Each	8				**8**	2404.00	**19232.00**
	Quoted Rate	2404.00							
16	Supplying surface mounted type mirror optic luminaries for single/Twin 28watts fluorescent lamps cross rising of stove enameled deep coloured M.S.low profile housing complete with all accessories and high purity anodized aluminum reflector assembling along with cross louvers including necessary fluorescent tubes with Energy Saving Electronic Ballast. (P.21/I.21.4.9.2 PWD ELE - SR 2014-15)								
	2x4'-28Watts	Each	8				**8**	4228.00	**33824.00**
	Quoted Rate	4228.00							
17	Fixing charges of post top/ Gate/ Garden fitting /LED on the existing CI / GI or any other pipe using required size of reducer, wiring using suitable wires. (P.108/I.17.6 PWD ELE - SR 2014-15)								
		Each	8				**8**	184.00	**1472.00**
	Quoted Rate	184.00							
18	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. (P.6/I.2.5.5 PWD ELE - SR 2014-15)								
	Item Not Executed								
19	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) (P.61/I.7.9 PWD,ELE -SR 2014-15)								
	Item Not Executed								
20	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. (P.62/I.7.12 PWD,ELE -SR 2014-15)								
	Item Not Executed								

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty	Rate	Amount
21	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. (P.55/I.7.4.4 PWD,ELE -SR 2014-15)								
	Item Not Executed								
22	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.,.) **3-120sec.**(P.51/I.6.45 PWD,ELE-SR 2014-15)								
	Item Not Executed								
23	Providing and Fixing of Ornamental Delhi benches as per design specifications and fixing as per the direction of Engineer Incharge								
		Each	10				**10**	8500.00	**85000.00**
	Data Rate	8500.00							
24	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (P.147/I. No.19.60 PW, P & IWTD, BENGALURU CIRCLE -SR2018-19)								
	For Walking Path Portion	Cum	1	320.00	3.00	0.25	240.00		
	Basic Rate	325.00					**240.00**	360.14	**86434.00**
	Add Area Weightage 6%	19.5							
	Total	344.50							
	Add TP 4.54%	15.64							
		360.14							
								TOTAL	**1154499.00**

Assistant Engineer
Project

Assistant Executive Engineer
Project Division
Yelhanka Zone
BBMP Bangalore

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Project Division
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Modified Technical Sanction
Accorded For Rs.1154499.00
Head of A/C. 9.3252
CER NO :.....20..... Dt: 28.09.19